



**Tectonic Homework  
Booklet**

Geography

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

---

Time:

Marks:                    **22 marks**

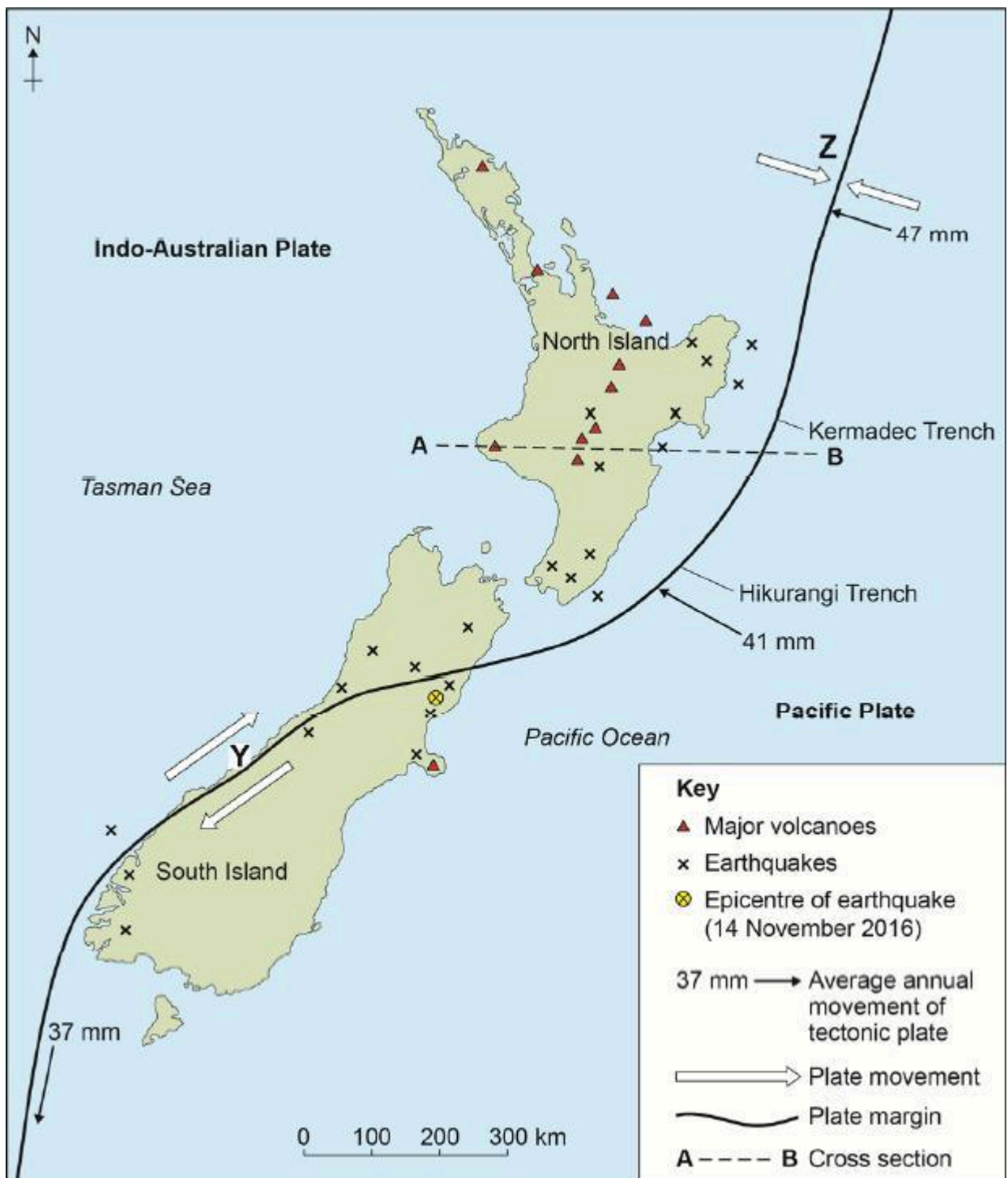
Comments:            **Make sure you develop and link your points back to the question**

---

**Q1.**

Study **Figure 1**, a map showing tectonic hazards in New Zealand.

**Figure 1**



(a) Using **Figure 1**, name the type of plate margin at **Y**.

(1)

(b) Using **Figure 1**, which **one** of the following statements is true?

Shade **one** circle only.

- A** All earthquakes are found along a plate margin. ☐
- B** Earthquakes and volcanoes are evenly spread across New Zealand. ☐
- C** Volcanoes and earthquakes only take place on land. ☐
- D** The majority of volcanoes occur in a line through the central part of North Island. ☐

(1)

- (c) Using **Figure 1**, how much movement will there be along plate margin **Z** in 100 years?

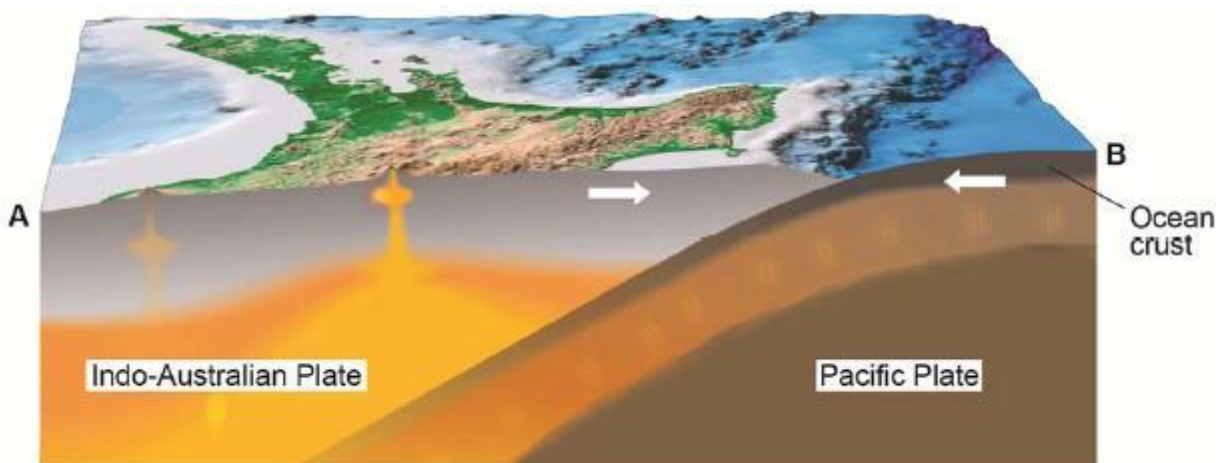
Shade **one** circle only.

- A** 47 millimetres ☐
- B** 47 centimetres ☐
- C** 4.7 metres ☐
- D** 47 metres ☐

(1)

- (d) Study **Figure 2**, a block diagram showing a cross section between **A** and **B** on **Figure 1**.

**Figure 2**



Using **Figures 1 and 2**, suggest why both volcanoes and earthquakes occur in New Zealand.

---



---



---



---



---

---

---

---

(6)  
(Total 9 marks)

**Q2.**

What is an earthquake?

---

---

---

---

(Total 2 marks)

**Q3.**

Earthquakes are another example of tectonic activity.  
Describe the primary and secondary effects of an earthquake.

---

---

---

---

---

---

---

---

---

(Total 4 marks)

**Q4.**

People continue to live in areas at risk from earthquakes.

Which **two** of the following statements help to explain this?

Tick the **two** correct boxes.

People cannot afford to move away.

☐

People will have plenty of time to evacuate if  
an earthquake strikes

☐

Many buildings are designed to absorb shockwaves.

People believe that their lives are in danger.

(Total 2 marks)

**Q5.**

Describe ways in which the damaging effects of **either** earthquakes **or** volcanic eruptions may be reduced.

---

---

---

---

---

---

---

---

---

---

---

---

*Extra space* \_\_\_\_\_

---

---

---

---

---

(Total 5 marks)

